

## IN THE UNITED STATES PATENT &amp; TRADEMARK OFFICE

In Re: The Application of  
Smith et al.

§ Attorney Docket No.: NOVA 9244

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Application No.: 10/648,611

Group Art Unit: 1764

Filed: 08/26/2003

Examiner: Nguyen, Tam M.

For: Use of Ionic Liquids to Separate Olefins, Diolefins and Aromatics

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith is an amendment in the above-identified application.

☐ Terminal Disclaimer (Fee enclosed).☐ Sheets of formal drawings (in triplicate)☐ Petition for Extension of Time to Respond (1 month). (Fee enclosed).☒ No additional fee is required.☐ The fee has been calculated as shown below

(Col. 1)	Col. 2)	(Col. 3)	SMALL ENTITY	OTHER THAN SMALL ENTITY
CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NO. PRESENT PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE ADDIT. FEE	RATE ADDIT. FEE
TOTAL * 6 MINUS ** 20 = 0			x 9 = \$	x 18 = \$
INDEP * 1 MINUS ** 3 = 0			x 44 = \$	x 88 = \$
[ ] FIRST PRESENT. OF MULT. DEP. CLAIM			+150 = \$	+300 = \$
ADDIT. FEE			TOTAL \$ _____	OR TOTAL \$ _____

\* If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col.3.

\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.

\*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space.

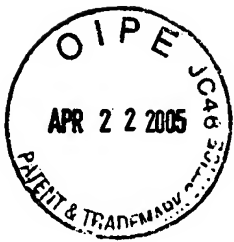
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found from the equivalent box in Col. 1 of a prior amendment or the number of claims originally filed.

☐ Please charge my Deposit Account No. 10-0740 in the amount of \$ \_\_\_\_\_. A duplicate of this sheet is enclosed.☐ A check for \$ \_\_\_\_\_ (Pet. For Extension of Time to Respond (1 Month) is enclosed.☐ The Commissioner is hereby authorized to credit any overpayment to Deposit Account No. 10-0740.

Respectfully submitted,

  
Kenneth H. Johnson  
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Attorney for Applicant  
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Houston, Texas 77263  
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Fax.: (713) 780-7671

DATE: 04/19/2005



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:	)	
	)	Attorney Docket: NOVA 9244
Smith et al.	)	
	)	
Serial No.: 10/648,611	)	Group Art Unit: 1764
	)	
Filed: 08/26/2003	)	Examiner: Nguyen, Tam M.
	)	

For: USE OF IONIC LIQUIDS TO SEPARATE OLEFINS, DIOLEFINS AND AROMATICS

AMENDMENT UNDER 37 CFR 1.116

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This is filed responsive to the Office Action mailed January 25, 2005.

Without prejudice to applicants' right to continue to prosecute subject matter in the specification as originally filed please make the following amendments to the specification.